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Total Number of Pages in this Submission 4

Application Number: 09/724,597  
Filing Date: 11-28-2000  
First Named Inventor: Rosefield, et al.  
Group Art Unit: 2812  
Examiner: Unknown  
Attorney Docket No.: ATI.010002

ENCLOSURES (check all that apply)

- |  |   |  |
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| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment/Response<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/Declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts/Incomplete Application<br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application)<br><input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition<br><input type="checkbox"/> To Convert a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Small Entity Statement<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> After Allowance Communication to Group | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Request for Corrected Filing Receipt<br><input type="checkbox"/> Letter to Draftsperson<br><input type="checkbox"/> Formal Drawings (after initial filing)<br><input type="checkbox"/> Issue Fee Transmittal<br><input type="checkbox"/> Request for Corrected Assignment<br><input type="checkbox"/> Response to Notice to File Corrected Application Papers<br><input type="checkbox"/> Additional Enclosure(s) (please identify below): |
|--|---|--|

Remarks:

Firm Name	Simon, Galasso & Frantz, PLC P.O. Box 26503 Austin, Texas 78755-0503	
Signature of Applicant, Attorney, or Agent		
Name and Registration No.:	J. Gustav Larson, Reg. No. 39,263	Date: 5-15-01

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Rosefield, et al.

Title: APPARTUS HAVING REDUCED INPUT OUTPUT AREA AND  
METHOD THEREOF

App. No.: 09/724,597

Filed: 11-28-2000

Examiner: Unknown

Group Art Unit: 2812

Atty. Dkt. No. ATI.010002

Application Processing Division  
Customer Correction Branch  
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Patents and Trademarks  
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## REQUEST FOR CORRECTED FILING RECEIPT

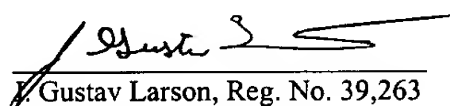
Dear Sir:

Please make the indicated corrections as shown on the enclosed Filing Receipt. Please correct the **total claims to 20** and **independent claims to 3** as indicated by the attached copy of page 11 of the filed patent application. Please contact me at the below-listed telephone number if you have any questions or need additional information.

Respectfully submitted,

Date

5-15-01

  
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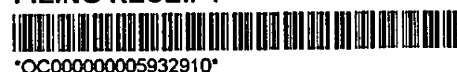
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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO.	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/724,597	11/28/2000	2812	710	ATI010002	5	13 20	2 3

CONFIRMATION NO. 7653

## FILING RECEIPT



\*OC000000005932910\*

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Date Mailed: 04/04/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

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Harvest W.C. Chung, Scarborough, CANADA;

## Domestic Priority data as claimed by applicant

## Foreign Applications

If Required, Foreign Filing License Granted 04/03/2001

Projected Publication Date: N/A

Non-Publication Request: No

Early Publication Request: No

## Title

Apparatus having reduced input output area and method thereof

## Preliminary Class

438

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14. An apparatus comprising:

semiconductor substrate having an input output (IO) ring, the IO ring having a bond pad portion and an active buffer portion;

the bond pad portion including:

5 a first bond pad;

a second set of bond pads having one or more bond pads;

a third bond pad, wherein the second set of bond pads is immediately adjacent to the first and third bond pads; and

a conductive trace coupling the first bond pad to the third bond pad.

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15. The apparatus of claim 14, wherein the first bond pad and the third bond pad are power pads, wherein a power pad is to be coupled to a fixed voltage source.

16. The apparatus of claim 15, wherein the fixed voltage source is one of Vdd and Vss.

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17. The apparatus of claim 14, further comprising:

a package substrate having a power portion, wherein the power portion is to provide a fixed voltage;

a first bond wire connected to the first bond pad and the power portion;

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a second bond wire connected to the third bond pad and the power portion.

18. The apparatus of claim 17 further comprising exactly one of the first bond pad and the third bond pad being connected to the active buffer portion of the IO ring.

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19. The apparatus of claim 14, wherein the second set of bond pads includes one bond pad.

20. The apparatus of claim 14, wherein the second set of bond pads includes more than one bond pads.